

## **Transportation, Housing and Urban Development Appropriations**

### *\$80 million – T-Rex / Southeast Corridor Multimodal Project:*

Final funding installment of federal full-funding grant agreement for light rail and highway improvement package for 19-mile stretch of I-25 in Denver. The project “opened” in November of 2006, complete with highway expansion and a new light-rail line complete with 12 new stations.

### *\$4 million – US 85 (Santa Fe Boulevard) Improvements Including Interchange at C-470:*

Funding will continue phased expansion and improvements of Santa Fe Boulevard corridor including, but not limited to, reconstruction of the Santa Fe and C-470 interchange.

### *\$4 million – Parker Road and Arapahoe Road (SH 83 & SH 88) Interchange:*

Funding will begin phased reconstruction of a grade separated interchange to replace the current outdated interchange.

### *\$4 million – I-25 and Ridgeway Interchange:*

Preferred alternative calls for the replacement of two antiquated interchanges with one modern interchange.

### *\$4 million – I-25 and Plum Creek Interchange:*

Funding needed for intersection modifications to improve safety and mobility at this intersection.

### *\$2 million – Waterton Road Improvements, S. Platte River to Wadsworth Blvd (SH 121):*

Funding will pay for improvements to Waterton Road from the South Platte River to Wadsworth Boulevard and improvements to the interchange.

### *\$1.5 million – Centennial Airport Taxiway Improvements:*

Funding would pay for new overlay to Taxiway C, which has seen increased use after a parallel taxiway was removed to accommodate widening and realignment of runway. Centennial is the busiest general aviation airport in the nation.

### *\$4.2 million – Jeffco Airport Tower Replacement:*

This funding would complete replacement of the tower at Jefferson County Airport. The project received \$4.2 million last year.

### *\$40 million – West Corridor Light Rail*

The West Corridor, part of the voter-approved FasTracks program, is a 12 mile light-rail line with 11 stations extending from Denver Union Station west to Lakewood and Golden.

\* - Colorado continues to be a donor state (meaning we send more to Washington, DC in gasoline taxes than we receive in project funding) and these requests are a way to try and recover that shortfall.

## **Commerce, Justice, Science Appropriations**

### *\$1 million – National Center for Audio and Video Forensics:*

Funding would establish a forensics center focused on new knowledge and services at the University of Colorado. The center would improve our techniques in areas of audio and video forensics, digital media authenticity, and homeland security – things like analyzing Al Qaeda tapes to determine, among other things, their authenticity.

## **Defense Appropriations**

### *\$3 million – Army National Guard Shock Absorption Retrofit Kits:*

The Army National Guard has an unfunded requirement to improve shock-absorption padding to retrofit helmets made from a special, polymer non foam insert. This request would build on \$1 million for this purpose that was appropriated last year.

### *\$3.6 million –Meteorological and Oceanographic (METOC) Sensor Program:*

The Defense Department has identified a need for small, lightweight, easily deployable / air droppable sensors able to clandestinely transmit a variety of different battlefield data and parameters via satellite allowing their data to be viewed anywhere in the world rapidly. This project has been funded at varying levels for the last three consecutive years.

### *\$3 million – Microsatellite Target System:*

Funding would continue to fund the development of a low-cost micro-satellite that can be placed in orbit to support radar calibration and testing, and provide certain kinds of data at a lower cost than conventional satellites. The project has received federal funding in the last two consecutive fiscal years.

### *\$4 million – Dual-Use Technology Development for National Security and National Hazards:*

Funding would continue development of sensors designed to monitor threats to civilian and military personnel due to natural hazards. The sensors provide a new way to detect underground nuclear tests, enemy tunnel and underground vehicle activity, as well as non-military threats like earthquakes and / or tsunamis.

### *\$5.5 million – National Item Identification Number Validation and Correction Program:*

The Naval Air Depots perform aircraft maintenance and overhaul of components, airframes, and engines for the armed services. The efficiency and effectiveness of the depots impacts the mission readiness of troops on the ground. Unfortunately, over time many manufacturers spare part numbers and other identifying information has changed. As a result, sometimes the depot orders replacement parts at a significant cost, even though they may have replacement parts warehoused and available. This happens because their part numbering system is not standardized. This funding would be used to standardize product data so that the military can more effectively manage its inventory rather than unnecessarily spending money to obtain components they already have.

## **Military Construction and Veterans Affairs Appropriations**

### *\$61.3 million - New Denver VA Medical Facility:*

Funding for phased construction of new VA medical facility.

## **Energy and Water Appropriations:**

### *\$1 million – Ultra-Dense Memory for Supercomputing:*

Funding will support efforts on the research and development of new molecular memory technologies for supercomputing and low-power computing. The development of this technology will lower costs by improving storage efficiency. It will also help the U.S. gain leadership in advanced computing applications and the development of advanced supercomputers, which is a top priority for the Department of Energy.